

**WORK OFFER**

Ref. No. KR-2019-UST-011

Employer Information

Employer: UST (KIST-Korea Institute of Science & Technology)
 Seoul
 Seoul
 Korea, South

Website:
 Location of placement: Seoul
 Nearest airport:
 Working hours per week: 40.0
 Working hours per day: 8.0

Number of employees: 908
Business or products: -

Student Required

General Discipline: 40C-CHEMISTRY, MATERIAL SCIENCE, AND
 CHEMICAL ENGINEERING
 Other

Completed years of study: 3

Field of Study: 14.0701-Chemical Engineering.
 40.0501-Chemistry, General.
 40.1001-Materials Science.
 Chemical Engineering, Mechanical Engineering,
 Physics, Chemistry, Materials, and Biomedical or
 Biotechnology-Related Major

Language required: English Excellent

Required Knowledge and Experiences:

Other requirements:

Work Offered

Division of Bio-Medical
 Science & Technology

(Introduction of Laboratory)

During the last 20 years, the Complex Microfluids Lab at the KIST has been consistently devoting endeavor to investigate electrokinetic microfluidics, conformation and dynamics of complex fluids (soft matter), and applications to lab-on-chips platform, closely related to either computations or experiments or both.

(Internship Field)

The topics for internship can be

- i) design & fabrication of microbio-chip for sorting of living cells and colloid particles,
- ii) microfluidic or nanofluidic analysis of complex fluids, and
- iii) fluorescent microscope imaging.

Based on the student's interest, we quite welcome applications with inclination towards either experiments or simulations or both.

Number of weeks offered: 8 - 8

Working environment: Research and development

Within the months: 01-JUL-2019 - 25-AUG-2019

Gross pay: 900,000 KRW / Month

Or within: -

Deduction to be expected: TBD

Holidays: -

Payment method / frequency: /

Accommodation

Canteen at work: Yes

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 300,000 KRW / Month

Accommodation will be arranged by: UST (KIST-Korea Institute of Science & Technology)

Estimated cost of living incl. lodging: 900,000 KRW / Month

Additional Information

*Within the months: July 1, 2019 – August 23, 2019
 *Gross pay: 1,200,000 KRW / month (Master student)

*Website: <https://www.ust.ac.kr/eng.do>
https://eng.kist.re.kr/kist_eng/main/
<http://poisson.kist.re.kr>
https://www.researchgate.net/profile/Myung-Suk_Chun
<https://scholar.google.co.kr/citations?user=yrdkTqUAAAAJ&hl=ko>

Nomination Information

Deadline for nomination: 15-MAR-2019

Please send nominations by Exchange Platform

Date: 16-FEB-2019

On behalf of receiving country: Moojin Kim